

Index for *The Computing Teacher*

Volume 11 #1-9 • 1983-1984

The Index for Volume 8 and 9 appeared in the September 1982 issue of TCT; the Volume 10 index appeared in the August 1983 issue. *The Computing Teacher* Index for Volume 11 will be useful as a professional resource and will provide perspective on the kind of information that is found in *The Computing Teacher*. Please note that the format for the Volume 11 index has changed slightly. Entries are indexed in three ways.

1. By **AUTHOR (or reviewer)**. This is the main entry and is the *only* listing with a full citation.

Author/Reviewer	Title	Type of Entry	Volume:Issue	Page #	Subject Descriptors
Edwards, Carol	Achieving equity. Edwards, Carol	art	11:8 Apr 84	p62-64.	DESCRIPTORS: Equity/School-Community.

2. By **TITLE**. To read the complete citation, look up the author (or reviewer).

Achieving equity. Edwards, Carol.

3. By **SUBJECT DESCRIPTOR**. Again, to read the complete citation, look up the author (or reviewer).

EQUITY

Achieving equity. Edwards, Carol.

ABBREVIATION KEY:

art article	col column	rep report
avr av review	edit editorial	sr software review
br book review	in index	sur survey
cat catalog		

SUBJECT DESCRIPTORS USED:

<i>A Nod to the Novice</i>	Editorials	Pascal
Administration	Education, Early Childhood	Planning
Art	Education, Elementary	Problem Solving
Artificial Intelligence	Education, Higher	Programming
Authoring Languages	Education, Secondary	Programming Languages
AV Reviews	Equity	Reports
Book Reviews	Foreign Language	Research
Business Education	Funding	School-Community
Computer Assisted Instruction	Games	Science
Computer Assisted Learning	Graphics	Simulations
<i>Computers in Science Education</i>	Hardware	Social Sciences
<i>Computers in the Arts and Humanities</i>	Hardware Reviews	Software
<i>Computers in the Media Center</i>	History	Software Development
<i>Computers in the Teaching of English</i>	ICCE	Software Evaluation
Computer Literacy	Index	Software Reviews
Computer Science	Keyboarding	Special Education
Calculators	Language Arts	Surveys
Classroom Management	Legislation	Teacher Education
Clubs	Library-Media	Telecommunications
Computing Problems	Logo	<i>The Logo Center</i>
Contests	Management Programs	Utility Programs
Copyright	Mathematics	Videodisc
Curriculum	Music	<i>Washington Update</i>
Disability, Physical	Networking	Word Processing

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Computer Assisted Learning	Graphics	Simulations
<i>Computers in Science Education</i>	Hardware	Social Sciences
<i>Computers in the Arts and Humanities</i>	Hardware Reviews	Software
<i>Computers in the Media Center</i>	History	Software Development
<i>Computers in the Teaching of English</i>	ICCE	Software Evaluation
Computer Literacy	Index	Software Reviews
Computer Science	Keyboarding	Special Education
Calculators	Language Arts	Surveys
Classroom Management	Legislation	Teacher Education
Clubs	Library-Media	Telecommunications
Computing Problems	Logo	<i>The Logo Center</i>
Contests	Management Programs	Utility Programs
Copyright	Mathematics	Videodisc
Curriculum	Music	<i>Washington Update</i>
Disability, Physical	Networking	Word Processing

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American Computer Science League. rep 11:1 Aug 83 p12.
DESCRIPTORS: Contests.

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DESCRIPTORS: School-Community/Hardware.

Charting a summer course. sur 11:7 Mar 84 p30-37.
DESCRIPTORS: Surveys/Education, Higher/Teacher Education.

Computer coordinator group: a proposed ICCE Special Interest Group. rep 11:3 Oct 83 p53.
DESCRIPTORS: ICCE.

Computer literacy of California high school seniors. rep 11:4 Nov 83 p68-71.
DESCRIPTORS: Reports/Surveys/Computer Literacy/Education, Secondary.

ICCE Organization Member news. rep 11:3 Oct 83 p9-13.
DESCRIPTORS: ICCE.

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DESCRIPTORS: ICCE.

ICCE Special Interest Groups. rep 11:5 Dec/Jan 84 p4-5.
DESCRIPTORS: ICCE.

ICCE Policy Statement on Network and Multiple Machine Software. rep 11:2 Sept 83 p18-22.
DESCRIPTORS: ICCE/Copyright/Software/Networking.

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Project Computer Outreach: a traveling microcomputer van. art 11:3 Oct 83 p63.
DESCRIPTORS: School-Community/Computer Literacy.

Public domain software listings. rep 11:7 Mar 84 p46-59.
DESCRIPTORS: Software.

Washington Update. col 11:5 Dec/Jan 84 p10.
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DESCRIPTORS: *Washington Update*/Legislation.

Washington Update. col. 11:8 Apr 84 p6.
DESCRIPTORS: *Washington Update*/Legislation.

Adams, Richard C.

Experiments in Human Physiology from HRM Software. Adams, Richard C. sr 11:4 Nov 83 p. 22-23.
DESCRIPTORS: *Computers in Science Education*/Software Reviews/Science/Education, Secondary.

Graphical Analysis from Vernier Software. Adams, Richard C. sr 11:4 Nov 83 p24-25.
DESCRIPTORS: *Computers in Science Education*/Software Reviews/Science/Education, Secondary.

License plates, learning and kids. Adams, Richard C. col 11:6 Feb 84 p41-44.
DESCRIPTORS: *Computers in Science Education*/Science/Mathematics/Education, Elementary.

Low-cost graphics tablets. Adams, Richard C. art 11:5 Dec/Jan 84 p65-66.
DESCRIPTORS: *Computers in the Arts and Humanities*/Hardware/Graphics.

Microcomputer Physics Lab—Heat from Cross Educational Software. Adams, Richard C. sr 11:4 Nov 83 p23-24.
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Ray Tracer from Vernier Software. Adams, Richard C. sr 11:4 Nov 83 p24-25.

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The Audio-Visual Library of Computer Education from Prismatron Productions. Adams, Richard C. avr 11:4 Nov 83 p32.

DESCRIPTORS: AV Reviews/Teacher Education.

Young People's Medical Skool from Simulation Software. Adams, Richard C. sr 11:4 Nov 83 p22.

DESCRIPTORS: *Computers in Science Education*/Software Reviews/Science/Simulations.

Alvarado, Anthony J.

Computer education for ALL students. Alvarado, Anthony J. art 11:8 Apr 84 p14-15.

DESCRIPTORS: Equity/Administration.

Anderson, Edwin

Media center builds media packages to teach basic microcomputer skills. Stiehl, Ruth E./Anderson, Edwin art 11:1 Aug 83 p45-47.

DESCRIPTORS: *Computers in the Media Center*/Computer Literacy/Education, Higher.

Anderson, Eric S.

AV Catalog Writer from The Library Software Co. Anderson, Eric S. sr 11:3 Oct 83 p45-46.

DESCRIPTORS: Software Reviews/Library-Media/Management Programs.

Kid Bits Words Fair from Potomac MicroResources. Anderson, Eric S. sr 11:2 Sept 83 p56-57.

DESCRIPTORS: Software Reviews/Utility Programs/Computer Assisted Instruction.

Magazine Control System from Richmond Micro Software. Anderson, Eric S. sr 11:2 Sept 83 p58-59.

DESCRIPTORS: Software Reviews/Library-Media/Management Programs.

Anderson, Ronald E.

Inequities in opportunities for computer literacy. Anderson, Ronald E./Welch, Wayne W./Harris, Linda J. rep 11:8 Apr 84 p10-12.

DESCRIPTORS: Equity/Research/Reports/Computer Literacy.

Arch, John

The Complete Computer edited by Dennie Van Tassel. Arch, John br 11:3 Oct 83 p69-70.

DESCRIPTORS: Book Reviews.

Bakke, Thomas W.

Practical solutions to overcoming inequity in computer use. Schubert, Jane G./Bakke, Thomas W. art 11:8 Apr 84 p28-30.

DESCRIPTORS: Equity/Classroom Management/Reports.

Barclay, Tim

Logo in math. Barclay, Tim art 11:7 Mar 84 p43-44.

DESCRIPTORS: *The Logo Center*/Logo/Mathematics.

Bearden, Donna

Optical illusions—a challenge in problem solving. Bearden, Donna art 11:5 Dec/Jan 84 p75-77.

DESCRIPTORS: Logo/Problem Solving.

Berner, Andrew

Return to Piglatin. Berner, Andrew art 11:5 Dec/Jan 84 p71-73.

DESCRIPTORS: *The Logo Center*/Logo/Language Arts.

Billstein, Rick

1,2,3 My Computer and Me: A Logo Funbook for Kids by Donna Bearden. Billstein, Rick br 11:5 Dec/Jan 84 p86.

DESCRIPTORS: Book Reviews/Logo.

Creative Play: Problem Solving Activities with a Computer from Lawrence Hall of Science. Billstein, Rick sr 11:4 Nov 83 p38-39.

DESCRIPTORS: Software Reviews/Problem Solving/Education, Elementary.

Logo Discoveries by Margaret Moore. Billstein, Rick br 11:7 Mar 84 p62.

DESCRIPTORS: Book Reviews/Logo.

Logo: An Introduction by J. Dale Burnett. Billstein, Rick br 11:2 Sept 83 p23.

DESCRIPTORS: Book Reviews/Logo.

Recursion, recursion. Billstein, Rick/Moore, Margaret L. art 11:5 Dec/Jan 84 p46-47.

DESCRIPTORS: Logo.

Turtle fever. Billstein, Rick art 11:2 Sept 84 p34-36.

DESCRIPTORS: Logo.

Turtle's Sourcebook by Donna Bearden, Kathleen Martin and James H. Muller. Billstein, Rick br 11:5 Dec/Jan 84 p85-86.

DESCRIPTORS: Book Reviews/Logo.

Bogart, Theodore F. Jr.

A universal graph plotting routine. Bogart, Theodore F. Jr. art 11:9 May 84 p52-62.

DESCRIPTORS: Mathematics/Education, Secondary/Education, Higher.

Boots, Melanie

Metric System Tutor from Cygnus Software. Boots, Melanie sr 11:6 Feb 84 p36-37.

DESCRIPTORS: Software Reviews/Science/Mathematics.

Boss, Jacqueline A.

Chip Mitchell: The Case of the Stolen Computer Brains by Fred D'Ignazio. Boss, Jacqueline A. br 11:2 Sept 83 p24-25.

DESCRIPTORS: Book Reviews.

Order of the Apple. Boss, Jacqueline A. art 11:3 Oct 83 p41-43.

DESCRIPTORS: Contests/Library-Media/Clubs/Education, Secondary.

Bromley, John

Apple Pascal: A Hands-On Approach by Arthur Luehrmann and Herbert Peckham. Bromley, John br 11:1 Aug 83 p61.

DESCRIPTORS: Book Reviews/Pascal/Programming Languages.

Pascal in high school. Bromley, John art 11:3 Oct 83 p64-67.

DESCRIPTORS: Pascal/Programming Languages/Education, Secondary.

Bull Glen

Problem spaces in a project-oriented Logo environment. Bull, Glen/Tippis, Steve art 11:5 Dec/Jan 84 p54-57.

DESCRIPTORS: Logo.

Burrowes, Sharon

Do your manuals grow legs? Burrowes, Sharon/Burrowes, Ted art 11:3 Oct 83 p20.

DESCRIPTORS: Classroom Management.

It's the end of the marking period—and there goes my weekend! Burrowes, Ted/Burrowes, Sharon art 11:6 Feb 84 p31-32.

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Burrowes, Ted

Do your manuals grow legs? Burrowes, Sharon/Burrowes, Ted art 11:3 Oct 83 p20.

DESCRIPTORS: Classroom Management.

It's the end of the marking period—and there goes my weekend! Burrowes, Ted/Burrowes, Sharon art 11:6 Feb 84 p31-32.

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Bynon, George

Library Skills from Phi Delta Kappa. Bynon, George sr 11:6 Feb 84 p33-34.
DESCRIPTORS: Software Reviews/Library-Media.

Carah, Marshall

The Computer Glossary: It's Not Just a Glossary! by Alan Freedman. Carah, Marshall br 11:6 Feb 84 p57-58.
DESCRIPTORS: Book Reviews/Computer Literacy.

Carey, Doris

Computers in Curriculum & Instruction edited by Tim Grady and Jane Gawronski. Carey, Doris br 11:3 Oct 83 p69.
DESCRIPTORS: Book Reviews/Teacher Education.
TESS: The Educational Software Selector from EPIE Institute. Carey, Regan/Carey, Doris br 11:9 May 84 p38.
DESCRIPTORS: Book Reviews/Software.

Carey, Regan

Super-Text Professional Word Processor from Muse Software. Carey, Regan sr 11:9 May 84 p34-35.
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TESS: The Educational Software Selector from EPIE Institute. Carey, Regan/Carey, Doris br 11:9 May 84 p38.
DESCRIPTORS: Book Reviews/Software.

Chalgren, Bill

Connecting your computer to a modem: where to start. Chalgren, Bill art 11:2 Sept 83 p65-68.
DESCRIPTORS: Networking/Hardware/Telecommunications.

Chapman, James W.

Toward improving learning strategies and personal adjustment with computers. Ryba, Kenneth A./Chapman, James W. art 11:1 Aug 83 p48-53.
DESCRIPTORS: Research/Special Education/Software Development.

Clements, Douglas H.

Supporting young children's Logo programming. Clements, Douglas H. art 11:5 Dec/Jan 84 p24-30.
DESCRIPTORS: Logo/Education, Elementary.

Cory, Sheila

A 4-stage model of development for full implementation of computers for instruction in a school system. Cory, Sheila art 11:4 Nov 83 p11-16.
DESCRIPTORS: Planning/Computer Assisted Learning.

Crawford, Alan N.

Alas para la Mente by Horacio C. Reggini. Crawford, Alan N. br 11:2 Sept 83 p23-24.
DESCRIPTORS: Book Reviews/Logo.

Curcio, Francis R.

Microcomputers: A Parents' Guide by Kenneth P. Goldberg and Robert D. Sherwood. Curcio, Francis R. br 11:7 Mar 84 p60-61.
DESCRIPTORS: Book Reviews/School-Community.

Del Seni, Donald

Local school response to computer equity. Del Seni, Donald. art 11:8 Apr 84 p68-69.
DESCRIPTORS: Equity.

Deringer, Dorothy K.

Preparing for the third wave: ten new tools for computers in education. Deringer, Dorothy K. art 11:4 Nov 83 p26-28.
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Dixon, Michael Bigelow

Education through entertainment: an approach to computer instruction in the elementary school.

Dixon, Michael Bigelow/King, Alison art 11:3 Oct 83 p27-28.
DESCRIPTORS: Music/Computer Literacy/School-Community.

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Dunn, Allan

Senior citizen computer classes in Oregon City. Dunn, Alan art 11:2 Sept 83 p69-71.
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Edwards, Carol

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DESCRIPTORS: Equity/School-Community.

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Programming as a writing activity. English, Randall/Edwards, Greg art 11:6 Feb 84 p46-47.
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Ettinger, Linda F.

Talk about teaching computer art graphics. Ettinger, Linda F. col 11:3 Oct 83 p16-18.
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Fiday, David

Computer activity calendar. Fiday, David art 11:6 Feb 84 p9-12.
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Fisher, Glenn

Access to computers. Fisher, Glenn art 11:8 Mar 84 p24-27.
DESCRIPTORS: Equity/Classroom Management.

Fitzgerald, William A.

Voice-Based Learning System from Scott Instruments. Fitzgerald, William A. hr 11:9 May 84 p39-40.
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Fliegel, Delpha

Random letter generation pitfalls in word games. Fliegel, Delpha/Fliegel, Joseph art 11:6 Feb 84 p68-70.
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Fliegel, Joseph

Random letter generation pitfalls in word games. Fliegel, Delpha/Fliegel, Joseph. art 11:6 Feb 84 p68-70.
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Frakt, Steven B.

Sex equity: increasing girls' use of computers. Lockheed, Marlaire E./Frakt, Steven B. art 11:8 Apr 84 p16-18.
DESCRIPTORS: Equity/Research/Surveys.

Francis, Larry

Apple Logo: Sample Program Disk and Tool Kit for the Apple II Family from Logo Computer Systems. Francis, Larry sr 11:5 Dec/Jan 84 p58-60.
DESCRIPTORS: Software Reviews/Logo.
Special Technology for Special Children by Paul E. Goldenberg. Francis, Larry br 11:8 Apr 84 p38-41.
DESCRIPTORS: Book Reviews/Special Education/Equity.

Franklin, Sharon

Thanks. Franklin, Sharon edit 11:9 May 84 p4-5.
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Gilliland, Kay

EQUALS in computer technology. Gilliland, Kay art 11:8 Apr 84 p42-44.
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Gillingham, Mark G.

Cyberlogo Turtle from Cybertronics International. Gillingham, Mark G. sr 11:3 Oct 83 p46-47.
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Ginther, Dean W.

Lowering the barriers to computer use. Harvey, William J./Ginther, Dean W. art 11:8 Apr 84 p45-47.
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Know Your Apple from Muse Software. Goodwin, Will sr 11:1 Aug 83 p38-39.
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Mathematical Problem Solving with the Microcomputer by Stephen L. Snover & Mark A. Spikell. Goodwin, Will br 11:7 Mar 84 p62-63.
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Meddle Pruf from Microcomputer Workshops. Goodwin, Will sr 11:4 Nov 83 p41-42.
DESCRIPTORS: Software Reviews/Utility Programs/Classroom Management.

Graf, Nancy

Computers and media centers—a winning combination. Graf, Nancy art 11:9 May 84 p42-44.
DESCRIPTORS: Computers in the Media Center/Library-Media.

Greene, Patrick J.

101 Activities for Computer Classes by Craig Solomonson. Greene, Patrick J. br 11:4 Nov 83 p51.
DESCRIPTORS: Book Reviews/Computer Literacy.

Grime, Alex

F. G. Newton from Krell Software. Grime, Alex sr 11:4 Nov 83 p40-41.
DESCRIPTORS: Software Reviews/Problem Solving/Games/Science.

Haller, Richard W.

Logo from Commodore Business Machines. Haller, Richard W. sr 11:5 Dec/Jan 84 p60-62.
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Handler, Marianne

Turtle Tracks from Scholastic. Handler, Marianne sr 11:9 May 84 p32-34.
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Harbert, Helena

An apple for the class. Harbert, Helena art 11:1 Aug 83 p9.
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Harris, Linda J.

Inequities in opportunities for computer literacy. Anderson, Ronald E./Welch, Wayne W./Harris, Linda J. rep 11:8 Apr 84 p10-12.
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Heid, M. Kathleen

Calculus with muMath: implications for curricu-

- lum reform. Heid, M. Kathleen art 11:4 Nov 83 p46-49.
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- Hertz, Robert M.**
Problems of computer-assisted instruction in composition. Hertz, Robert M. art 11:2 Sept 83 p62-64.
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- Hess, Robert D.**
Enrollment differences in computer camps and summer classes. Miura, Irene T./Hess, Robert D. rep 11:8 Apr 84 p22.
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- Hungate, Harriet**
Microcomputers in the Early Childhood Classroom from Edmonds Community College. Hungate, Harriet avr 11:2 Sept 83 p9-10.
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- Imhof, Heidi**
Jenny of the Prairie from Rhiannon. Imhof, Heidi sr 11:8 Apr 84 p35-38.
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Teaching literature with the help of microcomputers. Jarchow, Elaine McNally art 11:4 Nov 83 p35-37.
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- Johnson, Jerry**
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- Kisner, Evelyn**
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The DISC model for software evaluation and support material design. Rose, Shelley Yorke/Klenow, Carol art 11:1 Aug 83 p32-33.
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Guest editorial. Komoski, Ken edit 11:8 Apr 84 p5-6.
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Computer access for the visually impaired. Krolick, Bettye art 11:8 Apr 84 p48-50.
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Computer equity and computer educators (you). Lipkin, John art 11:8 Apr 84 p19-21.
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Evaluating do-it-yourself computer inservice training packages: methodology and some findings. Norris, Cathleen A./Lumsden, D. Barry art 11:6 Feb 84 p65-66.
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- Mandell, Alan**
Mastering the Parts of Speech from SVE. Mandell, Alan sr 11:3 Oct 83 p44-45.
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- Manning, Mick**
An Introduction to Microcomputers: Volume 0—The Beginner's Book by Adam Osborne and David Bunnell. Manning, Mick br 11:6 Feb 84 p56-57.
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- Marcus, Aaron**
Graphic design for computer graphics: implications for art and design educators. Marcus, Aaron art 11:8 Apr 84 p59-61.
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- Marrapodi, Maryann R.**
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Big kids helping little kids. Martin, Kathleen/Riordon, Tim col 11:3 Oct 83 p30-31.
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DESCRIPTORS: *The Logo Center/Logo.*
Single keystroke Logo. Martin, Kathleen/Riordon, Tim col 11:3 Oct 83 p31-32.
DESCRIPTORS: *The Logo Center/Logo.*
So what about sprites? Martin, Kathleen/Riordon, Tim col 11:9 May 84 p63-66.
DESCRIPTORS: *The Logo Center/Logo.*
Thinking in "chunks." Martin, Kathleen/Riordon, Tim col 11:2 Sept 83 p51-52.
DESCRIPTORS: *The Logo Center/Logo.*
- McCandless, Shirley**
Equipping our schools with hardware/software:

how to be a reasonable recipient of donated equipment. McCandless, Shirley rep 11:5 Dec/Jan 84 p78.
DESCRIPTORS: Legislation/School-Community.

McCauley, Jim

Kepler. McCauley, Jim art 11:5 Dec/Jan 84 p15-22.
DESCRIPTORS: Logo/Problem Solving/Science.
Learning with Logo by Dan Watt. McCauley, Jim br 11:5 Dec/Jan 84 p84.
DESCRIPTORS: Book Reviews/Logo.
Tree. McCauley, Jim art 11:9 May 84 p22-28.
DESCRIPTORS: Logo/Problem Solving.

Metzger, Merriane

Microcomputers in Special Education by Florence M. Tabor. Metzger, Merriane br 11:9 May 84 p38-39.
DESCRIPTORS: Book Reviews/Special Education.

MicroSIFT

Computer Graphing Experiments from Addison-Wesley. MicroSIFT sr 11:3 Oct 83 p48.
DESCRIPTORS: Software Reviews/Mathematics/Education, Secondary.
Discover BASIC from Sterling Swift. MicroSIFT sr 11:4 Nov 83 p43.
DESCRIPTORS: Software Reviews/Programming/Problem Solving/Education, Secondary.
The Atom from Micro-Ed. MicroSIFT sr 11:3 Oct 83 p49.
DESCRIPTORS: Software Reviews/Science.

Miller, Maureen

Touching the right keys. Miller, Maureen art 11:1 Aug 83 p33-34.
DESCRIPTORS: Computer Assisted Learning.

Miller, Sam

Report Card from Sensible Software. Miller, Sam sr 11:1 Aug 83 p37-38.
DESCRIPTORS: Software Reviews/Management Programs.

Mims, Ted

Computer competencies for school administrators. Mims, Ted/Poirot, Jim art 11:7 Mar 84 p38-39.
DESCRIPTORS: Administration/Computer Literacy/Research.

Miura, Irene T.

Enrollment differences in computer camps and summer classes. Miura, Irene T./Hess, Robert D. rep 11:8 Apr 84 p22.
DESCRIPTORS: Equity/Research/Surveys.

Montgomery, Jim

Cloze procedure: a computer application. Montgomery, Jim art 11:9 May 84 p16-20.
DESCRIPTORS: Computers in the Teaching of English/Language Arts.

Moore, Craig

Welcome to Burger Byte! Moore, Craig art 11:1 Aug 83 p57-58.
DESCRIPTORS: Programming/Computing Problems.

Moore, Margaret L.

A recursion excursion with a surprising discovery. Moore, Margaret L. art 11:5 Dec/Jan 84 p49-52.
DESCRIPTORS: Logo.
Recursion, recursion. Billstein, Rick/Moore, Margaret L. art 11:5 Dec/Jan 84 p46-47.
DESCRIPTORS: Logo.

Moursund, David

38 billion curriculum units (thoughts on fully integrated and individualized instruction). Moursund, David edit 11:6 Feb 84 p3-4.
DESCRIPTORS: Editorials/Curriculum.
Equity. Moursund, David edit 11:8 Apr 84 p3-4.
DESCRIPTORS: Editorials/Equity.

Greener grass. Moursund, David edit 11:2 Sept 83 p3-4.
DESCRIPTORS: Editorials.

ICLEP (Individual Computer Literacy Education Plan): a powerful idea. Moursund, David edit 11:4 Nov 83 p3-4.
DESCRIPTORS: Editorials/Computer Literacy/Teacher Education.

In search of controversy. Moursund, David edit 11:1 Aug 83 p3-4.
DESCRIPTORS: Editorials.

Logo frightens me. Moursund, David edit 11:5 Dec/Jan 84 p3-4.
DESCRIPTORS: Editorials/Logo.

The two-percent solution. Moursund, David edit 11:7 Mar 84 p3-5.
DESCRIPTORS: Editorials/Funding.

Twenty years ago. Moursund, David edit 11:3 Oct 83 p3-4.
DESCRIPTORS: Editorials.

You are ICCE. Moursund, David edit 11:9 May 84 p3-4.
DESCRIPTORS: Editorials/ICCE.

Muller, James H.

Dumping the turtle. Muller, James H. art 11:5 Dec/Jan 84 p79-81.
DESCRIPTORS: Logo/Graphics.

No threshold, no ceiling ... really! Muller, James H. art 11:5 Dec/Jan 84 p62-64.
DESCRIPTORS: Logo/Software Reviews.

Nermyr, Jerry

Free Enterprise from SRA. Nermyr, Jerry sr 11:2 Sept 83 p57-58.
DESCRIPTORS: Software Reviews/Simulations/Education, Secondary.

Newman, Joan

Poemprint. Newman, Joan art 11:5 Dec/Jan 84 p70-71.
DESCRIPTORS: *The Logo Center*/Logo/Language Arts.

Norris, Cathleen A.

Evaluating do-it-yourself computer inservice training packages: methodology and some findings. Norris, Cathleen A./Lumsden, D. Barry art 11:6 Feb 84 p65-66.
DESCRIPTORS: AV Reviews/Teacher Education/Surveys.

Novy, Sister Helen Jean, H.M.

Marooned on a desert island with a micro—ten books to take along. Novy, Sister Helen Jean, H.M. art 11:4 Nov 83 p54-55.
DESCRIPTORS: Book Reviews/Computer Literacy/Teacher Education.

O'Brien, Peggy

Using microcomputers in the writing class. O'Brien, Peggy art 11:9 May 84 p20-21.
DESCRIPTORS: Computers in the Teaching of English/Word Processing/Language Arts.

Painter, Suzanne

Microcomputer Resource Book for Special Education by Delores Hagen. Wetzel, Keith/Painter, Suzanne br 11:8 Apr 84 p41.
DESCRIPTORS: Book Reviews/Special Education/Equity.

Palmer, Adelaide

Changing teacher and student attitudes through word processing. Palmer, Adelaide/Dowd, Thomas/James, Katherine art 11:9 May 84 p45-47.
DESCRIPTORS: Word Processing.

Patrick, Lorraine

Computer Literacy: An Introductory Course from The Continental Press. Patrick, Lorraine sr 11:1 Aug 83 p40-41.
DESCRIPTORS: Software Reviews/Computer Literacy.

Peelle, Howard A.

Computer metaphors: approaches to computer literacy for educators. Peelle, Howard A. art 11:7 Mar 84 p12-13.
DESCRIPTORS: ICCE/Computer Literacy/Teacher Education.

Philips, Rosalind

Additional computer equity resources. Philips, Rosalind sr 11:8 Apr 84 p69.
DESCRIPTORS: Equity.

Piele, Donald T.

International computer problem-solving contest part I—1983 elementary division problems. Piele, Donald T. art 11:3 Oct 83 p21-26.
DESCRIPTORS: Contests/Computing Problems/Education, Elementary.

International computer problem-solving contest part II—1983 junior division problems. Piele, Donald T. art 11:4 Nov 83 p57-62.
DESCRIPTORS: Contests/Computing Problems/Education, Elementary/Education, Secondary.

International computer problem-solving contest part III—1983 senior division problems. Piele, Donald T. art 11:6 Feb 84 p20-26.
DESCRIPTORS: Contests/Computing Problems/Education, Secondary.

Piper, Karen L.

The electronic writing machine: using word processors with students. Piper, Karen L. art 11:5 Dec/Jan 84 p82-83.
DESCRIPTORS: Computers in the Teaching of English/Word Processing/Language Arts.

Poirot, Jim

Computer competencies for school administrators. Mims, Ted/Poirot, Jim art 11:7 Mar 84 p38-39.
DESCRIPTORS: Administration/Computer Literacy/Research.

Politt, Alyce Hunt

Warming to the wonders of the word processor: an English teacher's introduction to the computer. Politt, Alyce Hunt art 11:9 May 84 p48-49.
DESCRIPTORS: Word Processing/Language Arts.

Pollson, Nickie

The Rule of 360 by Kathleen Martin and Donna Bearden. Pollson, Nickie br 11:5 Dec/Jan 84 p84-85.
DESCRIPTORS: Book Reviews/Logo/Mathematics.

Prelle, Walter V.

Hard disk data storage. Prelle, Walter V. art 11:3 Oct 83 p39-40.
DESCRIPTORS: Networking/Education, Secondary/Hardware.

Reynolds, Bruce

The little school that could. Vallerga, John/Reynolds, Bruce art 11:1 Aug 83 p10-12.
DESCRIPTORS: Funding/School-Community/Education, Elementary.

Ricketts, Dick

Software piracy—a diminishing problem? Ricketts, Dick edit 11:9 May 84 p5.
DESCRIPTORS: Editorials/Copyright/Software.

Riordon, Tim

Big kids helping little kids. Martin, Kathleen/Riordon, Tim col 11:3 Oct 83 p30-31.
DESCRIPTORS: *The Logo Center*/Logo/Classroom Management.

Helping students with recursion: teaching strategies. Riordon, Tim art 11:5 Dec/Jan 84 p38-42.
DESCRIPTORS: Logo.

Helping students with recursion: teaching strategies, part II: moving to the computer. Riordon, Tim art 11:6 Feb 84 p59-64.
DESCRIPTORS: Logo.

Helping students with recursion: teaching strategies, part III: teaching students about embedded recursion. Riordon, Tim art 11:7 Mar 84 p64-69.
DESCRIPTORS: Logo.

Logo—beginning a new school year. Martin, Kathleen/Riordon, Tim col 11:1 Aug 83 p42-44.
DESCRIPTORS: *The Logo Center/Logo*.

Mad Libs. Martin, Kathleen/Riordon, Tim col 11:5 Dec/Jan 84 p73-75.
DESCRIPTORS: *The Logo Center/Logo/Language Arts*.

More about sprites (and the turtle too). Martin, Kathleen/Riordon, Tim col 11:9 May 84 p66-69.
DESCRIPTORS: *The Logo Center/Logo*.

Non-graphics Logo applications. Martin, Kathleen/Riordon, Tim col 11:4 Nov 83 p63-68.
DESCRIPTORS: *The Logo Center/Logo/Computing Problems/Music*.

Polyspirals. Martin, Kathleen/Riordon, Tim col 11:6 Feb 84 p53-55.
DESCRIPTORS: *The Logo Center/Logo*.

Single keystroke Logo. Martin, Kathleen/Riordon, Tim col 11:3 Oct 83 p31-32.
DESCRIPTORS: *The Logo Center/Logo*.

So what about sprites? Martin, Kathleen/Riordon, Tim col 11:9 May 84 p63-66.
DESCRIPTORS: *The Logo Center/Logo*.

Thinking in "chunks." Martin, Kathleen/Riordon, Tim col 11:2 Sept 83 p51-52.
DESCRIPTORS: *The Logo Center/Logo*.

DESCRIPTORS: *The Logo Center/Logo*.

Roberts, Merrill

Fancy Programming in Applesoft by Gabriel Cuelar. Roberts, Merrill br 11:6 Feb 84 p58.
DESCRIPTORS: Book Reviews/Programming/Programming Languages.

Rose, Raymond

Identifying equitable software. Rose, Raymond art 11:8 Apr 84 p51.
DESCRIPTORS: Equity/Software Evaluation.

Rose, Shelley Yorke

The DISC model for software evaluation and support material design. Rose, Shelley Yorke/Klenow, Carol art 11:1 Aug 83 p32-33.
DESCRIPTORS: Software Evaluation.

Ross, Jerry

Computer Art and Animations by David Heiserman. Ross, Jerry br 11:1 Aug 83 p62.
DESCRIPTORS: Book Reviews/Art/Graphics.

Microprocessor Instruction Sets and Software Principles by David Heiserman. Ross, Jerry br 11:1 Aug 83 p61-62.
DESCRIPTORS: Book Reviews/Programming Languages.

Rossa, Dean S.

A program to create drill programs. Rossa, Dean S. art 11:3 Oct 83 p51-53.
DESCRIPTORS: Utility Programs.

Rutledge, Scott A.

Interpreting Graphs from Conduit. Rutledge, Scott A. sr 11:7 Mar 84 p21-22.
DESCRIPTORS: Software Reviews/Mathematics/Science/Education, Secondary.

Ryba, Kenneth A.

Computers in New Zealand schools. Ryba, Kenneth A. rep 11:2 Sept 83 p25-26.
DESCRIPTORS: Reports.

Toward improving learning strategies and personal adjustment with computers. Ryba, Kenneth A./Chapman, James W. art 11:1 Aug 83 p48-53.
DESCRIPTORS: Research/Special Education/Software Development.

Sanders, Jo Shuchat

The computer: male, female or androgynous? Sanders, Jo Shuchat art 11:8 Apr 84 p31-34.
DESCRIPTORS: Equity/Research/Surveys.

Savitsky, David

A guide to producing educational software. Savitsky, David art 11:7 Mar 84 p26-27.
DESCRIPTORS: *Computers in the Teaching of English/Software Development*.

Schantz, Letty M.

The computer as tutor, tool and tutee in composition. Schantz, Letty M. art 11:3 Oct 83 p60-62.
DESCRIPTORS: *Computers in the Teaching of English/Language Arts/Research*.

Schubert, Jane G.

Practical solutions to overcoming inequity in computer use. Schubert, Jane G./Bakke, Thomas W. art 11:8 Apr 84 p28-30.
DESCRIPTORS: Equity/Classroom Management/Reports.

Schwartz, Helen J.

"But what do I write?"—literary analysis made easier. Schwartz, Helen J. art 11:1 Aug 83 p16-18.
DESCRIPTORS: *Computers in the Teaching of English/Language Arts/Computer Assisted Instruction*.

Science Teachers' Association of Ontario

Acid-Base Chemistry from Programs for Learning. Science Teachers' Association of Ontario sr 11:7 Mar 84 p40-42.
DESCRIPTORS: Computers in Science Education/Software Reviews/Science/Education, Secondary.

Science Teachers' Association of Ontario

Acid-Base Chemistry from Programs for Learning. Science Teachers' Association of Ontario sr 11:7 Mar 84 p40-42.
DESCRIPTORS: Computers in Science Education/Software Reviews/Science/Education, Secondary.

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Science Teachers' Association of Ontario

Acid-Base Chemistry from Programs for Learning. Science Teachers' Association of Ontario sr 11:7 Mar 84 p40-42.
DESCRIPTORS: Computers in Science Education/Software Reviews/Science/Education, Secondary.

Scott, Patrick B.

Troubleshooting: dealing with a misbehaving Apple. Scott, Patrick B./Howell, Richard D. art 11:6 Feb 84 p29-30.
DESCRIPTORS: Hardware.

Sennett, M. L.

Teach your students to be friendly. Sennett, M. L. art 11:4 Nov 83 p18-19.
DESCRIPTORS: Programming/Software Development/Software Evaluation.

Shaw, Betsy

Executive's Guide to Computer-Based Information Systems by James C. Wetherbe. Shaw, Betsy br 11:7 Mar 84 p61-62.
DESCRIPTORS: Book Reviews/Management Programs/Telecommunications.

Siegle, Dianne P.

Computers and equity: a pilot program. Wong, Ray E./Uhrmacher, P. Bruce/Siegle, Dianne P. art 11:8 Apr 84 p52-55.
DESCRIPTORS: Equity/Reports.

Signer, Barbara

How do teacher and student evaluations of CAI software compare? Signer, Barbara art 11:3 Oct 83 p34-36.
DESCRIPTORS: Research/Software Evaluation/Computer Assisted Instruction.

Skapura, Robert

A Nod to the Novice #3. Skapura, Robert col 11:3 Oct 83 p37-38.
DESCRIPTORS: *A Nod to the Novice/Computer Literacy/Hardware*.

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A Nod to the Novice #4: peripherals, part 2. Skapura, Robert col 11:4 Nov 83 p29-30.
DESCRIPTORS: *A Nod to the Novice/Computer Literacy/Hardware.*

A Nod to the Novice #5: peripherals, part 3. Skapura, Robert col 11:6 Feb 84 p23-24.
DESCRIPTORS: *A Nod to the Novice/Computer Literacy/Hardware.*

A Nod to the Novice #6: peripherals, part 4. Skapura, Robert col 11:9 May 84 p29-30.
DESCRIPTORS: *A Nod to the Novice/Computer Literacy/Hardware.*

Smith, Richard Alan
Computer demonstrations for your benefit. Smith, Richard Alan art 11:7 Mar 84 p14-17.
DESCRIPTORS: Hardware/Planning.

Stiehl, Ruth E.
Media center builds media packages to teach basic microcomputer skills. Stiehl, Ruth E./Anderson, Edwin art 11:1 Aug 83 p45-47.
DESCRIPTORS: *Computers in the Media Center/Computer Literacy/Education, Higher.*
You can develop packages which teach computer skills. Stiehl, Ruth E./Streit, Les art 11:2 Sept 83 p27-32.
DESCRIPTORS: *Computers in the Media Center/Computer Literacy/Teacher Education.*

Stone, Antonia
Playing to Win in East Harlem. Stone, Antonia art 11:8 Apr 84 p56-57.
DESCRIPTORS: Equity/School-Community.

Stone, Janet
Logo in the Classroom, Session 1. Torgerson, Shirley/Kriley, Mary Kay/Stone, Janet art 11:5 Dec/Jan 84 p67-69.
DESCRIPTORS: Logo/ICCE.

Streibel, Michael J.
Teach top-down programming while you teach BASIC. Streibel, Michael J. art 11:6 Feb 84 p48-52.
DESCRIPTORS: Programming/Programming Languages.

Streit, Les
You can develop packages which teach computer skills. Stiehl, Ruth E./Streit, Les art 11:2 Sept 83 p27-32.
DESCRIPTORS: *Computers in the Media Center/Computer Literacy/Teacher Education.*

Stronge, James H.
Funding computer-related technology in the public schools. Stronge, James H. art 11:1 Aug 83 p13-15.
DESCRIPTORS: Funding.

Sturdivant, Patricia
Access to technology: the equity paradox. Sturdivant, Patricia art 11:8 Apr 84 p65-67.

Swanson, Tom
The rat and the cheese. Swanson, Tom art 11:7 Mar 84 p28-29.
DESCRIPTORS: Computing Problems/Programming/Education, Secondary.

Swenson, Carl
The introduction to computers course: the right place in the wave. Swenson, Carl art 11:6 Feb 84 p26-27.
DESCRIPTORS: Computer Literacy/Curriculum.

Synakowski, Nancy A.
Old McDonald's Farm Vowels from Teksym Corp. Synakowski, Nancy A. sr 11:9 May 84 p35-38.
DESCRIPTORS: Software Reviews/Education, Early Childhood.

Tipps, Steve
Problem spaces in a project-oriented Logo environment. Bull, Glen/Tipps, Steve art 11:5 Dec/Jan 84 p54-57.
DESCRIPTORS: Logo.

Torgerson, Shirley
Classroom management for Logo. Torgerson, Shirley art 11:5 Dec/Jan 84 p12-14.
DESCRIPTORS: Logo, Classroom Management.
Logo in the Classroom, Session 1. Torgerson, Shirley/Kriley, Mary Kay/Stone, Janet art 11:5 Dec/Jan 84 p67-69.
DESCRIPTORS: Logo/ICCE.

Traberman, Tama
Using interactive computer techniques to develop global understanding. Traberman, Tama art 11:2 Sept 83 p43-50.
DESCRIPTORS: Social Sciences/History/Education, Secondary.

Turner, Scott
Magic Crayon from C & C Software. Turner, Scott sr 11:4 Nov 83 p39-40.
DESCRIPTORS: Software Reviews/Graphics/Art.

Uhrmacher, P. Bruce
Computers and equity: a pilot program. Wong, Ray E./Uhrmacher, P. Bruce/Siegefreid, Dianne P. art 11:8 Apr 84 p52-55.
DESCRIPTORS: Equity/Reports.

Uptis, Rena
The synthesizer: a bridge from reality to ideals in music education. Uptis, Rena col 11:1 Aug 83 p54-57.
DESCRIPTORS: *Computers in the Arts and Humanities/Music.*

Vallerga, John
The little school that could. Vallerga, John/Reynolds, Bruce art 11:1 Aug 83 p10-12.
DESCRIPTORS: Funding/School-Community/Education, Elementary.

Vockell, Edward
Microcomputers for Teachers—with application to Mathematics and Science by Don Zalewski. Vockell, Edward br 11:6 Feb 84 p56.
DESCRIPTORS: Book Reviews/Teacher Education/Mathematics/Science.

Voderberg, Hank
Use Logo graphics in your BASIC program. Voderberg, Hank art 11:7 Mar 84 p10-11.
DESCRIPTORS: Logo/Graphics.

Walton, Karen Doyle
Computers make strange ... lab fellows! Walton,

Karen Doyle art 11:9 May 84 p50-51.
DESCRIPTORS: *Computers in Science Education/Science/Teacher Education.*

Watson, James Jr.
General multiple choice quiz. Watson, James Jr. art 11:3 Oct 83 p54-56.
DESCRIPTORS: Utility Programs.

Webber, Jack
Characteristics of a Scientist from Cygnus Software. Webber, Jack sr 11:6 Feb 84 p35-36.
DESCRIPTORS: Software Reviews/Science.

Spanish Achievement 1 from Microcomputer Workshops. Webber, Jack sr 11:6 Feb 84 p34-35.
DESCRIPTORS: Software Reviews/Foreign Language.

Weintraub, Hillel
Putting Logo to work. Weintraub, Hillel art 11:2 Sept 83 p52-55.
DESCRIPTORS: *The Logo Center/Logo/Word Processing.*

Welch, Wayne W.
Inequities in opportunities for computer literacy. Anderson, Ronald E./Welch, Wayne W./Harris, Linda J. rep 11:8 Apr 84 p10-12.
DESCRIPTORS: Equity/Research/Reports/Computer Literacy.

Wetzel, Keith
Microcomputer Resource Book for Special Education by Delores Hagen. Wetzel, Keith/Painter, Suzanne br 11:8 Apr 84 p41.
DESCRIPTORS: Book Reviews/Special Education/Equity.

The Bank Street Writer from Broderbund Software. Wetzel, Keith sr 11:1 Aug 83 p36-37.
DESCRIPTORS: Software Reviews/Word Processing.

Wong, Ray E.
Computers and equity: a pilot program. Wong, Ray E./Uhrmacher, P. Bruce/Siegefreid, Dianne P. art 11:8 Apr 84 p52-55.
DESCRIPTORS: Equity/Reports.

Wood, R. Kent
An Introduction to Computers: Developing Computer Literacy by Donald D. Spencer. Wood, R. Kent br 11:4 Nov 83 p50.
DESCRIPTORS: Book Reviews/Computer Literacy.

Woodward, John
Sprite Designer from Academy Software. Woodward, John sr 11:7 Mar 84 p20.
DESCRIPTORS: Software Reviews/Graphics/Utility Programs.
Vanilla Pilot from Tamarack Software. Woodward, John sr 11:1 Aug 83 p39-40.
DESCRIPTORS: Software Reviews/Authoring Languages.

Zahn, James
Computer Literacy: A Hands-On Approach by Arthur Luehmann and Herbert Peckham. Zahn, James br 11:4 Nov 83 p51-52.
DESCRIPTORS: Book Reviews/Computer Literacy.

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1,2,3 My Computer and Me: A Logo Funbook for Kids by Donna Bearden. Billstein, Rick.
101 Activities for Computer Classes by Craig Solomonson. Greene, Patrick J.
38 billion curriculum units (thoughts on fully integrated and individualized instruction). Mour-sund, David.
A 4-stage model of development for full implementation of computers for instruction in a school system. Cory, Sheila.

A cure for recursion. Lough, Tom.
A guide to producing educational software. Savitsky, David.
A Nod to the Novice #3. Skapura, Robert.
A Nod to the Novice #4: peripherals, part 2. Skapura, Robert.
A Nod to the Novice #5: peripherals, part 3. Skapura, Robert.
A Nod to the Novice #6: peripherals, part 4. Skapura, Robert.

A program to create drill programs. Rossa, Dean S.
A recursion excursion with a surprising discovery. Moore, Margaret L.
A universal graph plotting routine. Bogart, Theodore F. Jr.
Access to computers. Fisher, Glenn.
Access to technology: the equity paradox. Sturdivant, Patricia.
Achieving equity. Edwards, Carol.

Acid-Base Chemistry from Programs for Learning. Science Teachers' Association of Ontario. Additional computer equity resources. Phillips, Rosalind.

Alas para la Mente by Horacio C. Reggini. Crawford, Alan N.

American Computer Science League.

An Introduction to Computers: Developing Computer Literacy by Donald D. Spencer. Wood, R. Kent.

An Introduction to Microcomputers: Volume 0—The Beginner's Book by Adam Osborne and David Bunnell. Manning, Mick.

An apple a day—computers. Kundert, Kenneth R. An apple for the class. Harbert, Helena.

Apple II—6502 Assembly Language Tutor by Richard Haskell. Lang, David.

Apple Logo: Sample Program Disk and Tool Kit for the Apple II Family from Logo Computer Systems. Francis, Larry.

Apple Pascal: A Hands-On Approach by Arthur Luehrmann and Herbert Peckham. Bromley, John.

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AV Catalog Writer from The Library Software Co. Anderson, Eric S.

Beware ... read with caution! Johnson, Jerry.

Big kids helping little kids. Martin, Kathleen/Riordon, Tim.

"But what do I write?"—literary analysis made easier. Schwartz, Helen J.

Calculus with muMath: implications for curriculum reform. Heid, M. Kathleen.

Changing teacher and student attitudes through word processing. Palmer, Adelaide/Dowd, Thomas/James, Katherine.

Characteristics of a scientist from Cygnus Software. Webber, Jack.

Charting a summer course.

Chip Mitchell: The Case of the Stolen Computer Brains by Fred D'Ignazio. Boss, Jacqueline A. Classroom management for Logo. Torgerson, Shirley.

Cloze procedure: a computer application. Montgomery, Jim.

Computer access for the visually impaired. Krolick, Bettye.

Computer activity calendar. Fiday, David.

Computer Art and Animations by David Heiserman. Ross, Jerry.

Computer competencies for school administrators. Mims, Ted/Poirot, Jim.

Computer coordinator group: a proposed ICCE Special Interest Group.

Computer demonstrations for your benefit. Smith, Richard Alan.

Computer education for ALL students. Alvarado, Anthony J.

Computer equity and computer educators (you). Lipkin, John.

Computer Graphing Experiments from Addison-Wesley. MicroSIFT.

Computer Literacy: A Hands-On Approach by Arthur Luehrmann and Herbert Peckham. Zahn, James.

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Computer metaphors: approaches to computer literacy for educators. Peele, Howard A.

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Computers and mathematics—a call for your ideas. Johnson, Jerry/Jongean, Anthony.

Computers and media centers—a winning combination. Graf, Nancy.

Computers in Curriculum & Instruction edited by Tim Grady and Jane Gawronski. Carey, Doris.

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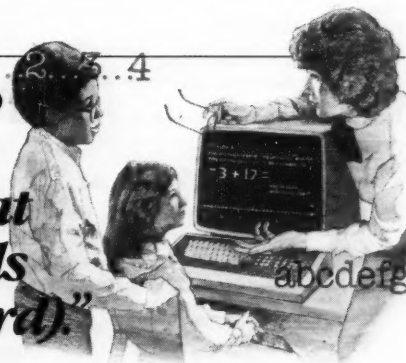
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For more information, contact Conference Manager, Third Annual Pacific Northwest Computer Graphics Conference, Continuation Center, 333 Oregon Hall, University of Oregon, Eugene, OR 97403; 503/686-4231.

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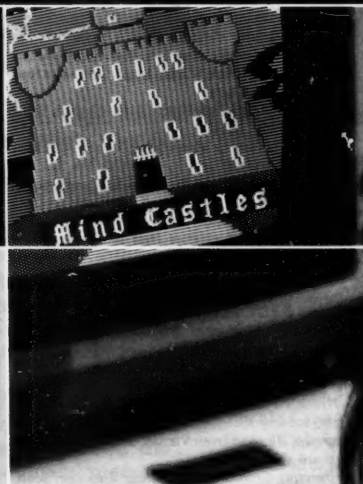
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